-70-

## AUTOMATED SEGMENTATION, INFORMATION EXTRACTION, SUMMARIZATION, AND PRESENTATION OF BROADCAST NEWS

## ABSTRACT OF THE DISCLOSURE

A technique for automated analysis of multimedia, such as, for example, a news broadcast. A Broadcast News Editor and Broadcast News Navigator system analyze, select, condense, and then present news summaries. The system enables not only viewing a hierarchical table of contents of the news, but also summaries tailored to individual needs. This is accomplished through story segmentation and proper name extraction which enables the use of common information retrieval methodologies, such as Web browsers. Robust segmentation processing is provided using multistream analysis on imagery, audio, and closed captioned stream cue events.